

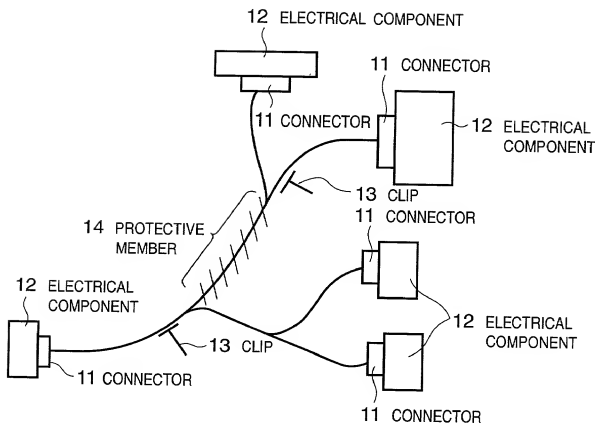
FIG. 1

FIG. 2

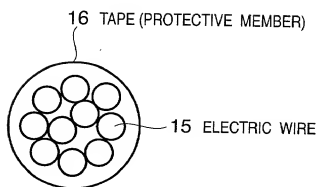


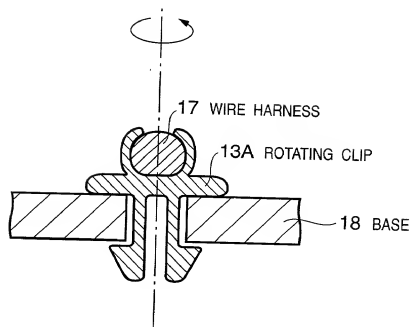
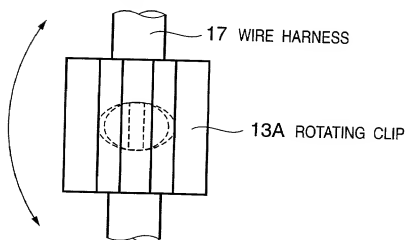
FIG. 3A**FIG. 3B**

FIG. 4

FIXING METHOD	MOVEMENT DUE TO RESULTANT FORCE			ROTATION DUE TO RESULTANT MOMENT		
	x DIRECTION	y DIRECTION	z DIRECTION	x DIRECTION	y DIRECTION	z DIRECTION
CONNECTOR	X	X	X	X	X	X
STATIONARY CLIP	X	X	X	X	X	X
ROTATING CLIP	X	X	X	O	O	X
BRANCH POINT (FREE END)	O	O	O	O	O	O

X : IMPOSSIBLE
 O : POSSIBLE

FIG. 5

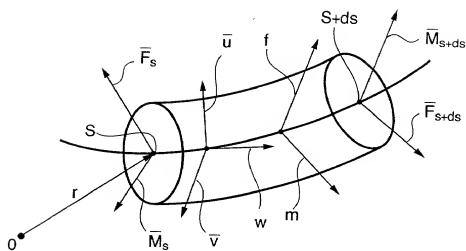


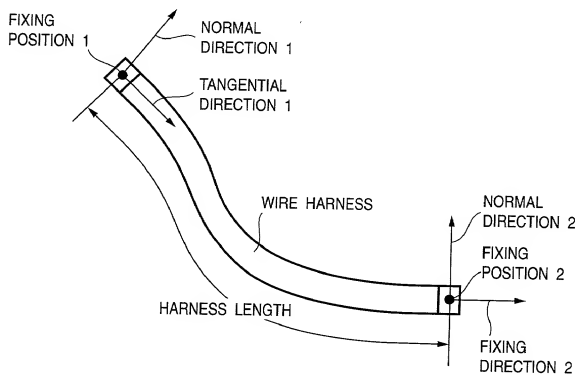
FIG. 6

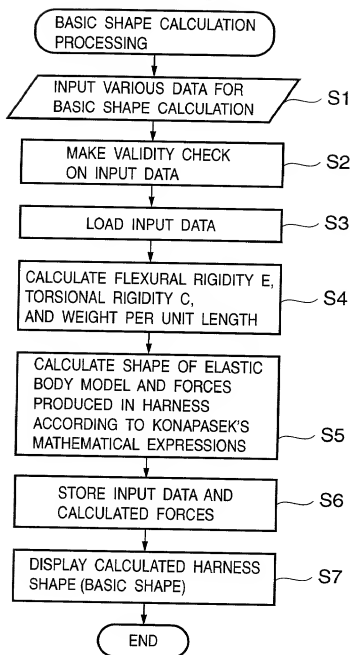
FIG. 7

FIG. 8

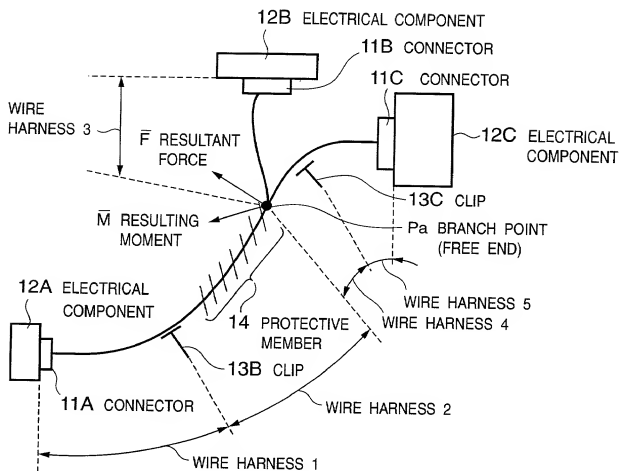


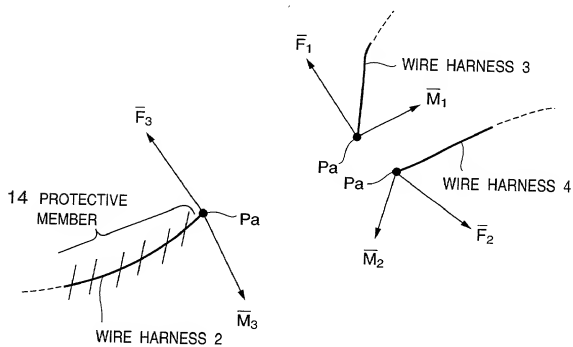
FIG. 9

FIG. 10

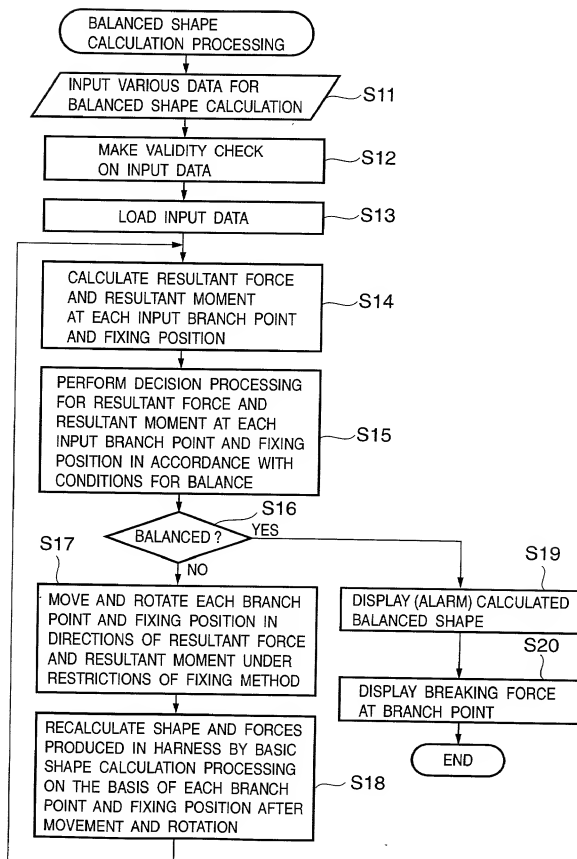


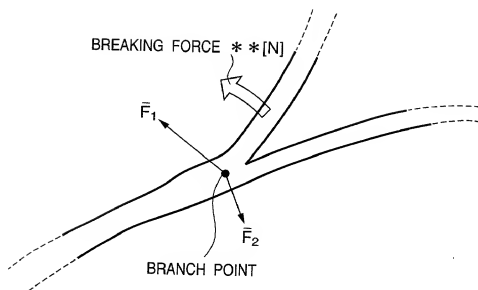
FIG. 11

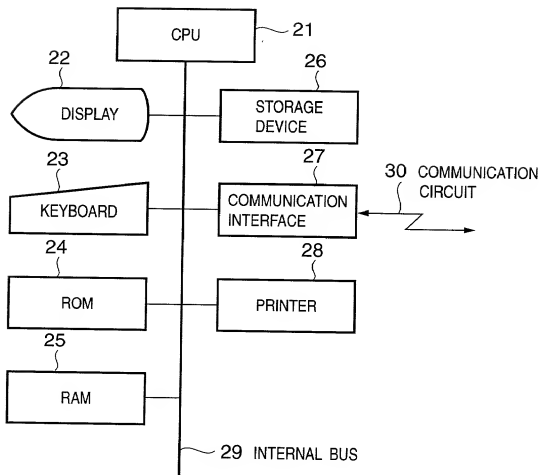
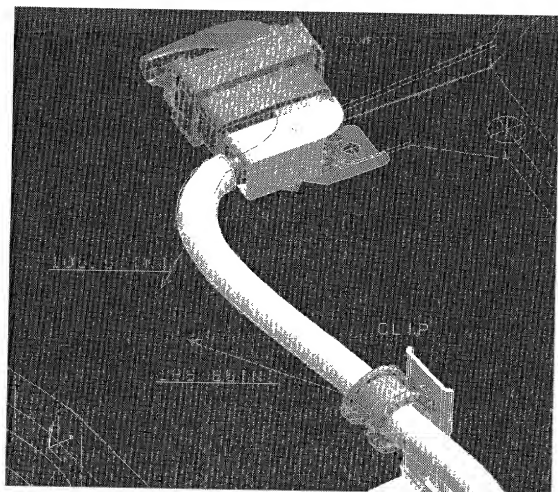
FIG. 12

FIG. 13



09784123 024301

FIG. 14

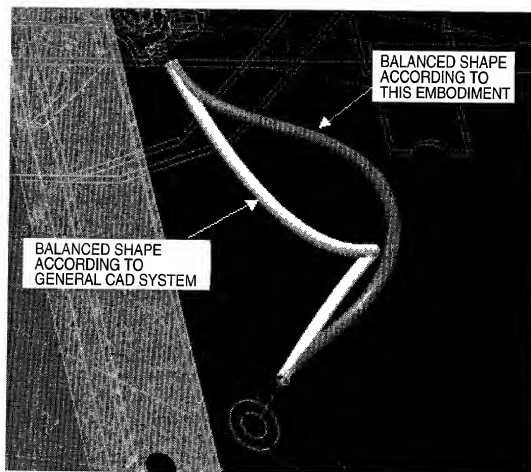
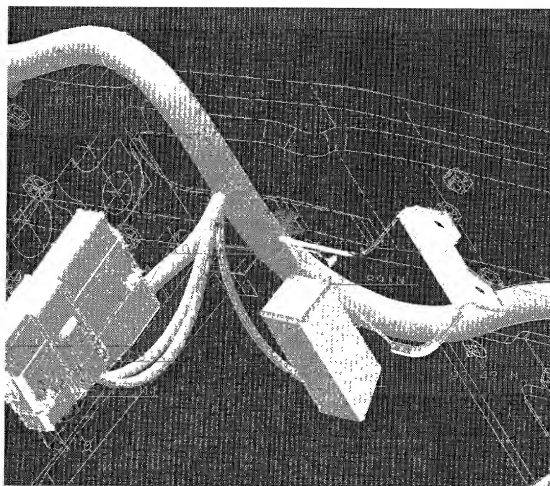


FIG. 15



0070433 001301
102720 22330200